

104.6 - Arsenic Species Standard Solutions

These SRMs are intended as calibration standards to provide SI traceability in the measurement of total arsenic and arsenic species in food and clinical samples.

For related materials see:

[Table 105.4 Toxic Substances in Urine \(powder and frozen form\)](#)

[Table 110.1 Foods and Beverages](#)

[Table 110.9 Dietary Supplement Materials \(includes nutraceuticals and herbs\)](#)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	3030	3031	3033	3034	3036	3037	3103a
Description	Monomethylarsonic Acid Standard Solution	Dimethylarsinic Acid Standard Solution	Arsenobetaine Standard Solution	Arsenocholine Standard Solution	Arsenic Acid (AsV) Standard Solution	Arsenous Acid (AsIII) Standard Solution	Arsenic (As) Standard Solution
Unit Size	(2 x 5 mL)	(2 x 5 mL)	(2 x 5 mL)	(2 x 5 mL)	(2 x 10 mL)	(2 x 10 mL)	(5 x 10 mL)
Concentration	17.46 mg/kg	20.47 mg/kg	19.06 mg/kg	19.77 mg/kg	1 mg/g	1 mg/g	10 mg/g
Matrix	water	water	water	water	HNO ₃ 1%	HCl 1%	HNO ₃ 10%

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only